

A new subspecies of *Dysphania discalis* (Walker) (Geometridae, Geometrinae) from the Lingga Islands

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Abstract A new subspecies, *Dysphania discalis aureolina*, is described from the Lingga Islands, east of Sumatra.

Key words *Dysphania*, new subspecies, nominotypical, Singkep Island, Lingga Islands.

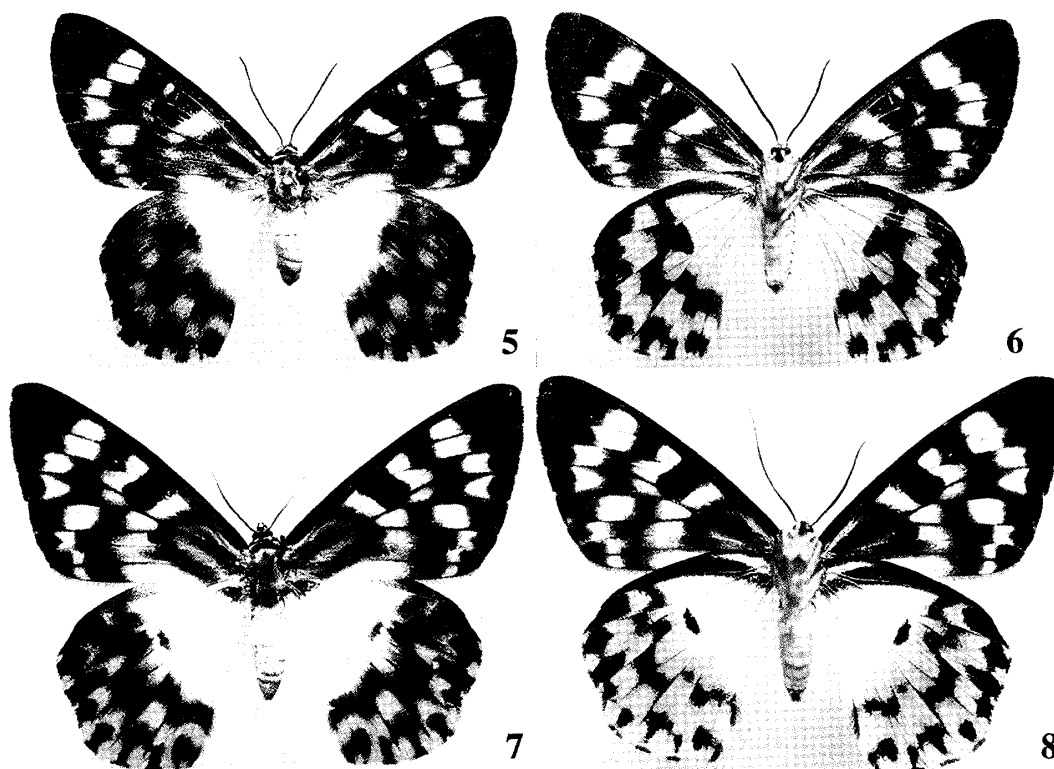
Dysphania discalis (Walker, 1854) from Peninsular Malaysia, Sumatra and Borneo is readily distinguished from other congeners by the white dorsal surface of the abdomen and the basal half of the hindwing (Prout, 1932: 65, pl. 7: c; Yazaki, 1989: 6, fig. 7; Holloway, 1996: 188, pl. 4: 3, figs 12, 106). In this species no geographic variation has been known, but recently I obtained a series of specimens from the Lingga Islands which are worth naming as a new subspecies.

Dysphania discalis aureolina subsp. nov. (Figs 1–2, 5–6)

Smaller than the nominotypical subspecies. Wingspan: ♂ 58–65 mm, ♀ 61 mm, while in



Figs 1–4. *Dysphania discalis* spp., ♂. 1. *D. d. aureolina* n. spp., holotype (wingspan 62 mm), upper surface. 2. *Ditto*, under surface. 3. *D. d. discalis* (Walker) (67 mm), upper surface. 4. *Ditto*, under surface.



Figs 5–8. *Dysphania discalis* spp., ♀. 5. *D. d. aureolina* n. spp., paratype (wingspan 61 mm), upper surface. 6. *Ditto*, under surface. 7. *D. d. discalis* (Walker) (68 mm), upper surface. 8. *Ditto*, under surface.

the nominotypical subspecies: ♂ 67–68 mm, ♀ 62–70 mm. Forewing with the maculation identical with the nominotypical subspecies, but hindwing with yellow marks at distal black area less developed. Under surface: hindwing golden yellow from base to termen, while in the nominotypical subspecies the basal half or one-third always white. Abdomen with the ventral half usually deeper yellow than in the nominotypical subspecies.

Holotype. ♂, Singkep Is., Lingga Isls., iv. 1998. Paratypes. *Ditto*, ii. 1998, 1 ♂; viii. 1998, 1 ♂; xi. 1998, 3 ♂; Lingga Is., viii. 1999, 1 ♂; *ditto*, iv. 2002, 1 ♂; xi. 2002, 2 ♂ 1 ♀. Holotype will be deposited in The Natural History Museum, London after publication.

Distribution. Lingga Islands (or Kepulauan Lingga), east of Sumatra.

References

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摘 要

Lingga 諸島からの *Dysphania discalis* (Walker) の1新亜種 (井上 寛)

Dysphania discalis (Walker) はマレー半島, スマトラ, ボルネオに分布し, 腹部背面と後翅の基半分が純

白なので他の同属種から区別される。矢崎 (1989, 月刊むし 217: 6, fig. 7) はシロシタトラシャクと名付け, 「この属の広分布の種としては珍しくひとつも亜種や型が命名されておらず,」と書いている。本文で記載したスマトラ東部の Lingga 諸島の亜種は原名亜種よりやや小型で, 後翅裏面全体が鮮明な黄色で, 基部近くが白色でないのが特徴である。原名亜種では多くの場合後翅の基半が白色だが, まれには基部近くだけが白い。

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